

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number  
**WO 2004/056181 A1**

- (51) International Patent Classification<sup>7</sup>: **A01N 1/02**,  
A61K 31/167, 31/4422, 31/7076, A61P 41/00
- (74) Agent: **FREEHILLS CARTER SMITH BEADLE**;  
Level 43, 101 Collins Street, Melbourne, Victoria 3000  
(AU).
- (21) International Application Number:  
PCT/AU2003/001711
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,  
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,  
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,  
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date:  
22 December 2003 (22.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/436,175 23 December 2002 (23.12.2002) US  
2003900296 23 January 2003 (23.01.2003) AU  
2003903127 20 June 2003 (20.06.2003) AU
- (84) Designated States (*regional*): ARIPO patent (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,  
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): **GLOBAL  
CARDIAC SOLUTIONS PTY LTD** [AU/AU]; 14 Dahl  
Crescent, Wulguru, Queensland 4811 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **DOBSON, Geoffrey,  
Phillip** [AU/AU]; 14 Dahl Crescent, Wulguru, Queensland  
4811 (AU).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: ORGAN PRECONDITIONING, ARREST, PROTECTION, PRESERVATION AND RECOVERY (2)

(57) Abstract: The present invention relates to a method for reducing electrical disturbance of a cell's resting membrane potential comprising administering an effective amount of a composition comprising an effective amount of a local anaesthetic and of one or more of a potassium channel opener, an adenosine receptor agonist, an anti-adrenergic, a calcium antagonist, an opioid, an NO donor and a sodium hydrogen exchange inhibitor.